

I CLAIM:

1. In combination, a permanent chassis for transporting manufactured housing units and a hitch assembly for interconnecting the chassis with a vehicle for pulling the chassis, said chassis comprising a support frame for supporting the manufactured housing units that includes a transversally extending structural member and a pair of angularly outwardly extending structural members connected to said transversally extending structural member, said hitch assembly comprising:
 - (a) a generally "V" shaped connector formed in a one piece unitary construction connected to said pair of angularly outwardly extending connector members, said connector having an apex and first and second legs;
 - (b) a generally lunette shaped element connected to and spanning said first and second legs of said connector and cooperating with said apex of said connector to form an eye assembly;
 - (c) a first cross brace connected to and spanning said pair of outwardly extending structural members at a first location;
 - (d) a second cross brace connected to and spanning said pair of outwardly extending structural members at a second location spaced apart from said first location;

(e) a first elongated tube disposed between and interconnected with said first and second cross braces, said first elongated tube having a bore therethrough;

(f) a second elongated tube telescopically received within said first elongated tube, said second elongated tube having a plurality of spaced apart bores there through; and

(g) a locking pin telescopically receivable within said bores formed in said first and second elongated tubes.

2. The combination as defined in claim 1 in which said angularly outwardly extending structural members define an included angle there between of approximately 50 and 60 degrees and in which said first and second legs of said connector member define an included angle there between of approximately 50 and 60 degrees.

3. The combination as defined in claim 1 in which said first and second elongated tubes are generally rectangular shaped in cross section.

4. The combination as defined in claim 1 in which said first cross brace comprises an angle bracket.

5. The combination as defined in claim 1 in which said connector member comprises a generally cylindrically shaped bent rod.

6. The combination as defined in claim 5 in which said generally lunette shaped element comprises a generally cylindrically shaped bent rod.

7. In combination, a permanent chassis for transporting a manufactured housing unit and a hitch assembly for interconnecting the chassis with a vehicle for pulling the chassis, said chassis comprising a support frame having a transversally extending structural member and a pair of outwardly extending structural members connected to said transversally extending structural member, said pair of outwardly extending structural members defining therebetween an included angle of approximately 50 and 60 degrees, said hitch assembly comprising:

(a) a generally "V" shaped connector formed in a one piece unitary construction connected to said pair of outwardly extending connector members, said connector having an apex and first and second legs defining there between an included angle of approximately 50 and 60 degrees;

(b) a lunette element connected to and spanning said first and second legs and cooperating with said apex of said connector to form an eye assembly;

- (c) an angle bracket connected to and spanning said pair of outwardly extending structural members at a first location;
- (d) a generally planar, flat brace connected to and spanning said pair of outwardly extending structural members at a second location spaced apart from said first location;
- (e) a first elongated, generally square tube disposed between and interconnected with said angle bracket and said flat brace, said first elongated tube having a bore there through;
- (f) a second elongated generally square tube telescopically received within said first elongated generally square tube, said second elongated tube having a plurality of spaced apart bores there through; and
- (g) a locking pin telescopically receivable within said bores formed in said first and second elongated tubes.

8. The combination as defined in claim 7 in which said connector member comprises a generally cylindrically shaped bent rod.
9. The combination as defined in claim 7 in which said generally lunette shaped element comprises a generally cylindrically shaped bent rod.

10. The combination as defined in claim 7, further including a second angle bracket connected to and spanning said pair of outwardly extending structural members.

11. A permanent chassis for transporting a manufactured housing unit, including a support frame having a transversally extending structural member; a first angularly outwardly extending structural member having a first end connected to said transversally extending structural member; and a second angularly outwardly extending structural member having a first end connected to said transversally extending structural member and a second end, the improvement comprising a hitch assembly for interconnecting the chassis with a vehicle for pulling the chassis, said hitch assembly comprising:

- (a) a generally "V" shaped connector formed in a one piece unitary construction connected to said pair of outwardly extending connector members proximate said second ends thereof, said connector having an apex and first and second legs defining there between an included angle of approximately 50 and 60 degrees;
- (b) a lunette element connected to and spanning said first and second legs and cooperating with said apex of said connector to form a semiround receiving eye assembly;

- (c) first and second angle brackets connected to and spanning said pair of outwardly extending structural members at a first location intermediate said first and second ends thereof;
- (d) a substantially planar brace connected to and spanning said pair of outwardly extending structural members at a second location spaced apart from said first location;
- (e) a first elongated, generally square tube disposed between and interconnected with said first and second angle brackets, said first elongated tube having a bore therethrough;
- (f) a second elongated generally square tube telescopically received within said first elongated generally square tube, said second elongated tube having a plurality of spaced apart bores therethrough, a selected one of said plurality of spaced apart bores being alignable with said bore in said first elongated generally square tube; and
- (g) a locking pin telescopically receivable within said bore formed in said first elongated tube and also within a selected one of said plurality of spaced apart bores formed in said second elongated generally square tube.

12. The chassis as defined in claim 11 in which said first and second angularly outwardly extending structural members define an included angle therebetween of approximately 50 and 60 degrees.

13. The chassis as defined in claim 11 in which said first and second angularly outwardly extending structural members are generally "I" shaped in cross section, each having upper and lower spaced apart flanges.

14. The chassis as defined in claim 13 in which said generally "V" shaped connector is interconnected with said upper flanges of said first and second angularly outwardly extending structural members.

15. The chassis as defined in claim 13 in which said connector member comprises a generally cylindrically shaped bent rod.

16. The chassis as defined in claim 15 in which said generally lunette shaped element comprises a generally cylindrically shaped bent rod.